

ABSTRACT

This invention provides a method and an apparatus for allocating resources between applications efficiently and flexibly to permit exclusive, conflict-free resource usage.

When an application APP1 is using a resource, a resource manager (ResMan) may receive a resource acquisition request from an application APP2 (in step S5). The resource manager then determines whether the applications APP1 and APP2 are in conflict with one another about resource usage (in step S6). An acquisition-denied notice is returned to the application APP2 of a lower priority (in step S7). On receiving a request to be notified of release of the resource from the application APP2 (in step S9), followed by the receipt of a notice saying that the resource has been released from the application APP1 (in step S11), the resource manager checks to see if there is any other conflicting request for the resource (in step S15). With no such request detected, the resource manager issues a resource acquisition complete notice to the application APP2 (in step S16).